





A,Q5
Q6,Q7
Q101-Q106

TRANSISTOR
-EAD IDENTIFICATION

SCHEMATIC OF THE HEATHKIT® SOLID STATE FM RECEIVER MODEL AR-14

- 1. RESISTOR AND CAPACITOR NUMBERS ARE IN THE FOLLOWING GROUPS:
- 0 99 NUMBERS IN THE FM TUNER SECTION.
 100 199 ODD NUMBERS INDICATE LEFT CHANNEL COMPONENTS, EVEN
 NUMBERS INDICATE RIGHT CHANNEL COMPONENTS,
 200 299 PARTS IN THE POWER SUPPLY.
- 2. ALL RESISTORS ARE 1/4 WATT UNLESS MARKED OTHERWISE, RESISTOR VALUES ARE IN OHMS : K = 1000, MEG = 1,000,0001.
- 3. ALL CAPACITOR VALUES ARE IN , 16 UNLESS MARKED OTHERWISE.
- 4. THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASUREMENT, TAKEN WITH AN II MEGOHM VTVM FROM THE POINT INDICATED TO CHASSIS GROUND. VOLTAGES MAY VARY ±20%.
- INDICATES 8. VOLTAGE POINTS.
- 6. O INDICATES CONNECTING POINTS ON AMPLIFIER CIRCUIT BOARD.
- 7. O INDICATES CONNECTING POINTS ON FM TUNER CIRCUIT BOARD.
- 8. SOURCE SWITCH SHOWN IN FULL COUNTERCLOCKWISE POSITION AS VIEWED FROM THE FRONT.
- 9. REFER TO THE CIRCUIT BOARD X-RAY VIEWS FOR THE PHYSICAL LOC-TION OF PARTS.
- 10. INDICATES CW ROTATION.

 11. MEASUREMENTS MADE WITHOUT ANTENNA
- POSITION, AND PHASE SWITCH PUSHED IN.
- OI MAY BE A 25A163 OR 25A435 TRANSISTOR.
- 2N2712 TRANSISTORS: Q8 THROUGH OT3 HAVE AN ORANGE DOT AND OT4 HAS A BLUE DOT.